

What is claimed is:

1. A cable end connector assembly for mating with a complementary connector, comprising:

an insulative housing comprising a front engaging portion and a rear terminating portion;

a plurality of contacts received in the insulative housing, each contact comprising a mating portion, an insulation displacement portion opposite to the mating portion and a retention portion interconnecting the mating portion and the insulation displacement portion;

a plurality of wires terminated to the insulation displacement portions of corresponding contacts;

a cover latchably mounted to the terminating portion of the insulative housing and compressing the wires into reliable electrical connection with the insulation displacement portions of the contacts, the cover defining a pair of passages in an up-to-down direction thereof; and

a locking member comprising at a front end thereof a retaining portion secured with the engaging portion of the insulative housing, a supporting portion at a rear end thereof engaged with the cover, a pressing portion close to the supporting portion and movably received in the pair of passages of the cover, and at least one latch section located on the front end thereof close to the retaining portion and adapted for locking with the complementary connector, the pressing portion being movable along said up-to-down direction toward the cover under a pressing force.

2. The cable end connector assembly as claimed in claim 1, wherein the terminating portion of the insulative housing comprises a plurality of posts extending rearwardly from the engaging portion, every two neighboring posts

defining a contact-receiving tunnel, and wherein the insulation displacement portions of the contacts are respectively received in the contact-receiving tunnels.

3. The cable end connector assembly as claimed in claim 2, wherein the cover defines a plurality of receiving cavities recessing rearwardly from a front surface thereof, and wherein the posts of the insulative housing and the insulation displacement portions of the contacts are respectively received in corresponding receiving cavities.

4. The cable end connector assembly as claimed in claim 2, wherein the insulation displacement of the contact comprises a first wall, a second wall and an intermediate section abutting against a side surface of the post, and wherein the first and the second walls each define a slot aligning with each other to receive the wire.

5. The cable end connector assembly as claimed in claim 3, wherein the insulative housing forms a plurality of hook portions on a rear portion of the engaging portion, and wherein the cover forms a plurality of latching arms extending forwardly from the front surface thereof to respectively snap onto the hook portions.

6. The cable end connector assembly as claimed in claim 1, wherein the pressing portion of the locking member comprises a body section and a pair of side beams extending vertically from the body section, and wherein the side beams of the locking member are respectively received in the passages of the cover and are allowed a restricted up and down movement in the passages.

7. The cable end connector assembly as claimed in claim 6, wherein the cover further defines a pair of spaces communicating with the passages, and wherein each side beam forms a spring tab engaged in the space for preventing the pressing portion from escaping from the passage.

8. The cable end connector assembly as claimed in claim 6, wherein the cover forms a pivot portion between the pair of passages, and wherein the body section of the pressing portion moves toward the cover until contacting the pivot portion under the pressing force.

9. The cable end connector assembly as claimed in claim 1, wherein the cover defines a cutout at a rear end thereof, and wherein the supporting portion is located in the cutout.

10. The cable end connector assembly as claimed in claim 9, wherein the supporting portion extends downwardly and rearwardly from the body section of the pressing portion, and wherein the supporting portion forms a curved edge at a free end thereof and pressing on a bottom surface of the cutout of the cover.

11. The cable end connector assembly as claimed in claim 1, wherein the locking member comprises a locking portion formed between the retaining portion and the pressing portion and including a first section extending rearwardly from the retaining portion and a second section formed between the first section and the pressing portion, and wherein the at least one latch section is formed on the first section.

12. The cable end connector assembly as claimed in claim 11, wherein the

second section extends upwardly and rearwardly from the first section and connects with the pressing portion.

13. The cable end connector assembly as claimed in claim 1, wherein the insulative housing defines a slit receiving a middle portion of the retaining portion of the locking member.

14. The cable end connector assembly as claimed in claim 13, wherein the insulative housing defines a first slot communicating with the slit, and wherein the locking member forms a positioning section extending forwardly from the middle portion of the retaining portion and being locked within the first slot.

15. The cable end connector assembly as claimed in claim 13, wherein the insulative housing defines a second slot communicating with the slit, and wherein the locking member comprises a snap section extending rearwardly from the middle portion of the retaining portion and being locked within the second slot.

16. The cable end connector assembly as claimed in claim 1, wherein the body section of the pressing portion is formed with a plurality of ribs.

17. A cable end connector assembly comprising:

an insulative housing defining a front mating port and a rear termination portion;

a plurality of contacts disposed in the housing, each of said contacts defining a mating portion located in the mating port and an insulation displacement contact portion around the termination portion;

a cover latchably mounted to the termination portion;

a plurality of wires sandwiched between said housing and said cover, each of said wires mechanically and electrically connected to the corresponding contact via the corresponding insulation displacement contact portion piercing thereinto; and

a deflectable locking member including a retention portion fixed to the housing, a supporting portion seated upon the cover and moveable along a front-to-back direction when said locking member is depressed, and a latch section located between said retention portion and said supporting portion and moveable in a vertical direction perpendicular to said front-to-back direction when said locking member is depressed.

18. The assembly as claimed in claim 17, wherein said locking member further includes a tab on a side beam moveable in said vertical direction and engageable with the cover for preventing excessive movement of the locking member in said lateral direction.

19. A cable end connector assembly comprising:

an insulative housing defining a front mating port and a rear termination portion;

a plurality of contacts disposed in the housing, each of said contacts defining a mating portion located in the mating port and an insulation displacement contact portion around the termination portion;

a cover latchably mounted to the termination portion;

a plurality of wires sandwiched between said housing and said cover, each of said wires mechanically and electrically connected to the corresponding contact via the corresponding insulation displacement contact portion piercing thereinto; and

a locking member including a retention portion fixed to one of the housing and the cover, a supporting portion opposite to said retention portion and seated

upon the other of the housing and the cover and moveable along a front-to-back direction when said locking member is depressed, and a latch section located between said retention portion and said supporting portion and moveable in a vertical direction perpendicular to said front-to-back direction when said locking member is depressed.

20. The assembly as claimed in claim 19, wherein said locking member further includes a tab on a side beam moveable in said lateral direction and engageable with said other of the housing and the cover for preventing excessive movement of the locking member in said vertical direction.